

Caps 2 v2.15 Installation manual

1. General information

1.1 System requirements:

Computer: Pentium IV or later
with at least 512 MB RAM (1024 MB recommended),
at least 100 MB HDD space for installation,
one USB-port,
display mode not less than 1024x768 (1280x1024 recommended),
Sound Cards (not less then two physical outputs for the "ON-AIR" station),
mouse and keyboard.
Operating System: Windows XP or later;
Additional software:
Microsoft Visual C++ 2008 SP1 Redistributable Package (x86)
Windows Installer 4.5 or later for some steps of the installation procedure;
MS .Net 2.0 SP2, MS .Net 3.5SP1, Windows PowerShell v.1 and MS SQL Server for the
Commercial Box;
MS SQL Server for Media DB;

1.2 Administrator rights

For the network system installation you need domain administrator rights,
for the local installation – local administrator rights are required .

1.3 Basic Conditions for Installation

There are some precedent conditions to be fulfilled necessarily before starting the installation procedure.

These are :

- Caps 2 Software requires on each workstation a Dongle with Hasp HL driver.
- Common shares:
for the general settings,
schedules and so on (root-share);
for the music, jingles, commercials and news (data storage share).
- SQL Server instance for the Caps 2 Media Database engine.

1.4 General Installtion Procedure

The installation procedure will deviate in dependence on system related conditions and circumstances orientated to the final purpose.

The basic , general installation procedure consists of the following steps:

- 1.4.1 Installation of the MS SQL Server 2008 on the station that will be a formal server (in case of the local standalone installation, please install MS SQL Server 2008 on this

station). Please, look for the DB installation routine here (see below).

- 1.4.2 Creation of the common shares from the special folders on the formal data-server (it could be the same with MS SQL Server formal server): ROOT folder; MAIN STORAGE folder; In case of the local stand-alone installation of the Universal Workstation, Retransmission Box or MAG, we recommend to use non-system drive for these folders (e.g. D:\), for the Logger it does not matter. Please, look below for the common shares details.
- 1.4.3 Installation of the Caps 2 software and special drivers on workstations. Please install software by the distributive from CD with it's related Dongle, run it and follow the setting up wizard.
- 1.4.4 User rights adjusting and some operation system and third-part software handling.

You could change the order of these steps by your wish.

2. Detailed description of Installation Procedure

2.1 Caps 2 Media Database installation

The installation routine for the Caps 2 Media DB consists of the following steps:

- 2.1.1 Checking and installation if necessary of the MS .Net 2.0 SP2, MS .Net 3.5 SP1, Windows PowerShell v.1 and Windows Installer 4.5 or later (distributives you could find on the CD).
- 2.1.2 Installing of the MS SQL Server 2008 (we recommend you to use MS SQL Server 2008 Express Edition, you could find distributive on this CD).
- 2.1.3 Installing of the MS SQL Server Management Studio Express (in case of using SQL Server 2008 Express Edition, distributives you could find on the CD)
- 2.1.4 Creation of the new empty database by the SQL Server Management Studio Express (MMSEE).
- 2.1.5 Creation and updating Media DB by the executing special sql-scripts (Applications\SQL\mdb_create.sql and Applications\SQL\mdb_update.sql) on the created empty database.

There are two way to install CAPS 2 Media DB. If you are advanced enough in IT technology, you could make all this steps manually, one by one.

(All setups could be found on the CD and could be started both form the auto run shell and from the CD folders directly).

Also you could start local automatic installation procedure from the auto run shell. This procedure automatically make all steps with exception of the first one (checking and installing of the Windows Installator and DotNet platform) with default settings.

Most important for connection settings are following:

- **SQL Server name\Instance:** <Computer Name>\SQLEXPRESS
- **Media Database Name:** caps2mdb
- **SA login:** sa
- **SA password:** express

Remark for advanced user:

All manually defined parameters of the SQL server:

INSTANCENAME= SQLEXPRESS

ADDLOCAL=ALL

SQLACCOUNT= "NT AUTHORITY\NETWORK SERVICE"

SQLPASSWORD=

AGTACCOUNT= "NT AUTHORITY\NETWORK SERVICE"

AGTPASSWORD=

SQLBROWSERACCOUNT= "NT AUTHORITY\NETWORK SERVICE"

SQLBROWSERPASSWORD=

SQLBROWSERAUTOSTART=1

SQLAUTOSTART=1

AGTAUTOSTART=1

SECURITYMODE=SQL

SAPWD=express

DISABLENETWORKPROTOCOLS=0

Other parameters are default.

2.2 Common shares creation

All data that are used by the different workplaces should be placed on the network, in shares. There most important shares are:

Root Share and Media Data share.

By default, Root Share is necessary for the storage of the general settings, for schedules, skeletons and also for Media Data.

So if you would like to work with two workplaces ore more, you have to join it together by connecting to the same Root Share. Please, create special share on the formal data-server and create in this share a ROOT-folder.

During installation of the Caps 2 software you will set this folder as a system Root.

Important!- Root folder must be at least one level below (deeper) then the Share!

For stand alone local (not system network) installation it's strongly recommended for the Universal Workstation, Retransmission Box, MAG and Commercial Box, to create ROOT-folder (not share) on the non-system drive. For the Logger it's not so important.

Also it's very useful to create special share (and special folder for the stand alone installation) for the media data (music, jingle, commercial, news and so on). You could use one share and one folder for all types of data, one share but different folders for different types of data, or different shares for different data.

By the default all data will be saved into the SND folder in the ROOT-folder with a separation by the data type:

Type	Folder
Commercials	ROOT\SND\COMM
Jingles	ROOT\SND\JNGL
Music	ROOT\SND\MUSIC
Broadcast	ROOT\SND\BCST
News	ROOT\SND\NEWS

2.3 Software installation and setting up

For the Caps 2 software installation please run the corresponding setup from the Applications pages of the auto run shell, or directly from the Applications folder on the CD. If you make the first installation on the computer, please don't forget to install Hasp HL driver

with the software installation. Also if you are going to use remote control connection through LPT-port please don't forget to install LPT GPI driver.

Before starting the software the Dongle has to be inserted into a USB Port!

After installation please run software and follow to the instruction of the setting up wizard.

2.4 Recommendation for some operation system settings, adjustment of user rights and verifying for third-party software.

Please, make sure for stable and secure working of all components of the operation system, drivers, third-party companies applications and hardware. Very often problems on the "ON-AIR" do appear caused by problems in the operation system, drivers conflicts or hardware incompatibility.

Please, be aware that the settings of the user's access rights are correct. All users of the Caps 2 software must have full access rights to the destination folder ("C:\Program Files\Caps 2\" by default) and to the ROOT-folder. For the details of the contents of the ROOT-folder please look into the DJiN User Manual.

Please, be aware of the correct settings for the special third-party software like anti-virus programs, firewalls and so on. Please, exclude schedule files (*.blk), sound file (*.wav, *.mp?) from the antivirus checking. Please, switch off automatic file checking on open and executed files on the server and the ON-AIR station. Please check that the software has a direct non-blocked fast connection to the Media DB server and data server (ROOT and MAIN STORAGE folders).

Thank you very much for using Caps 2 software!

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